Dual-Band Wireless-N High Power Gigabit Router and Access Point

Wireless Networking

WZR-HP-AG300H

Dual-Band Wireless-N High Power Gigabit Router and Access Point, high performance router with USB 3G modem support, USB HDD file sharing, media server, VPN and much more.

Dual-Band Wireless-N High Power Gigabit Router and Access Point

IThe Dual-Band Wireless-N High Power Gigabit Router & Access Point is the ideal solution to connect your PCs and laptops to the Internet via cable modem or 3G Modem! The WZR-HP-AG300H manages two 300Mbps networks at the same time; you can share the work load between the two. It is perfect for streaming multimedia content, such as HD movies or music. Gigabit Ethernet support on all ports ensures high transfer speeds between all devices in your network. Buffalo's QoS (Quality of Service) technology and our "Movie Engine" ensure that multimedia content will receive priority handling. Further, the router incorporates a built-in media server, which can stream multi-media content to connected DLNA clients.

In addition to its superior streaming capabilities the WZR-HP-AG300H includes a USB port to attach a USB hard drive. This allows the WZR-HP-AG300H to provide simple NAS (Network Attached Storage) services on your network for easy file sharing across all connected devices.

The WZR-HP-AG300H has been further improved to support 3G modems, so that even when there is no connection available, or the connection is slow, you can still share your 3G connection to the internet.

The advanced firmware includes Buffalo's AirStation One-Touch Secure System™ (AOSS™), BitTorrent capabilities and multiple levels of Wireless and wired security.

With Wireless speeds of up to 300Mbps* and adjustable antennas, WZR-HP-AG300H is ideal to upgrade an existing Wireless network.

| The WZR-HP-AG300H, designed to 802.11n specifications, manages two 300Mbps networks simultaneously

| HighPower technology extends Wireless performance and range

| Easy setup with AirStation One-Touch Secure System (AOSS™) or WPS

| The router comes with Buffalo firmware and the preinstalled DD-WRT firmware, seamlessly interchangeable

| Support and warranty for DD-WRT

| USB port for either

- File sharing with USB hard drive or USB stick, within local network and remotely via WebAccess

- USB 3G modem support, to be able to share your 3G internet connection!

| BitTorrent Client for downloading files*

| Built-In media server streams multimedia content to DLNA clients on your network*

| WMM Wi-Fi Multimedia and Movie engine feature to optimise media streaming

| VPN feature allows you to access your network remotely

*** Works with USB drive which is sold separately**

Key Specifications

Performance

- High Power Technology for better signal quality and coverage
- Adjustable Antenna for receiving signal efficiently
- 3G Modem support

File sharing/Multimedia

- Connect USB Storage device to share files in your home network or over internet
- Built-In media server streams multimedia content to DLNA clients on your network
- In-Build BitTorrent Client
- WebAccess
- Integrated QoS Engine improves the user experience for voice, video, and, music applications

Other features

- 802.11n Wi-Fi CERTIFIED® ensures a connection with other certified devices
- 2 simultanous networks with 300Mbps
- Creates 802.11n, 802.11a/g/b Wireless Networks
- One Touch Easy and Secure Wireless Connections with AOSS or WPS
- Support wall mount, horizontal and vertical positioning
- intuitive Web Browser Configuration
- Four Gigabit Ethernet Ports
- Supports WPA2, WPA-PSK (TKIP, AES) and 128/64-bit WEP Security
- Multi Level Security - Can use TKIP, AES and WEP encryptions for each device simultaneously
- 2-Year Warranty

Wi-Fi PROTECTED SETUP

802.11 a b g WiFi n CERTIFIED®

N300 DUAL-BAND Wireless N

dd-wrt.com for BUFFALO Pre-Installed

Access your digital content via a Web browser to a PC or Mac

BUFFALO

Dual-Band Wireless-N High Power Gigabit Router and Access Point

Wireless Networking

WZR-HP-AG300H

SPECIFICATIONS

2 YEAR WARRANTY

Wireless LAN Interface

Standard Compliance	IEEE802.11n, IEEE802.11g, IEEE802.11a, IEEE802.11b
Transmission Method	Direct Sequence Spread Spectrum (DSSS), OFDM, MIMO
Frequency Range	2,412 - 2,472MHz (Channels 1-13) 5,47 - 5,725MHz (Channels 36-48)
Transmission Rates	802.11n: 300Mbps (40MHz BW) 802.11a/g: 54Mbps 802.11b: 11Mbps
Antenna (TX x RX)	2 x 2
Access mode	Infrastructure Mode
Security	WPA2-PSK(AES, TKIP), WPA-PSK(AES, TKIP), 128/64-bit WEP, Mac Address Filter

Wired WAN/LAN Interface

Standard Compliance	IEEE802.3, IEEE802.3u, IEEE802.3ab
Transmission Rate	10/100/1000Mbps
Speed and Flow Control	Auto sensing, AutoMDIX
Number of LAN Ports	4
LAN Port Connector	RJ-45
Number of WAN Ports	1
WAN port connector	RJ-45
WAN security	Dynamic Packet Filtering, Intrusion Detector, NAT/SPI Firewall

Additional Interface(s)

USB

Standard Compliance	USB 2.0
Connector Type	USB type A
Number of Ports	1

Other

Setup Utility OS Support	Windows 7 (32/64bit), Windows® Vista™ (32/64bit), Windows® XP, Windows® 2000
Dimensions (WxDxH)	165 x 30 x 158mm
Weight Approx	0.34Kg
Operating Environment	Max 14W
Power Consumption	0-40°C, 20-80% (non-condensing)
Power Supply	External AC 100-240V 50/60Hz

Part Numbers

WZR-HP-AG300H

Related products

WLI-UC-G300N - Nfiniti™ Wireless-N Compact USB 2.0 Adapter
WHR-G300N - Nfiniti™ Wireless-N Router & Access Point
WLI-UC-G300HP - Nfiniti™ Wireless-N High Power Compact USB 2.0 Adapter
WLI-TX4-AG300N - Nfiniti™ Wireless-N Dual Band Ethernet Converter
Drive Station - USB 2.0 External Storage

Note: 300Mbps is the maximum Wireless signal rate derived from IEEE802.11 standard specifications. Actual data troughput and range will vary depending upon network conditions and environmental factors, such as volume of network traffic, building materials and construction and network overhead. Maximum speed and range are archivable when used with same enhanced mode technology.

About Buffalo

www.buffalo-technology.com

Buffalo Technology is a leading global provider of award-winning storage, networking, memory, and multimedia solutions for the home and small business environments as well as for system builders and integrators. With almost three decades of networking and computer peripheral experience, Buffalo has proven its commitment to delivering innovative solutions that have put the company at the forefront of infrastructure technology.

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